

**AIR TRAFFIC ORGANIZATION
TECHNICAL OPERATIONS SERVICES
CONFIGURATION CONTROL BOARD**

CHARTER

**In SUPPORT of
LIFE-CYCLE MANAGEMENT
of the
NATIONAL AIRSPACE SYSTEM**

April 22, 2004

DRAFT

Approved by _____
NAS OPS CCB Co-Chairperson
Approved by _____
NAS OPS CCB Co-Chairperson

CCB Members Signature Page

Vice President, Technical Operations Services

Date

Director, Technical Operations Aviation System Standards

Date

Director, Technical Operations Navigation Services

Date

Director, Technical Operations ATC Communications Services

Date

Director, Technical Operations Finance

Date

Director, Technical Operations ATC Facilities

Date

Director, Technical Operations Field Services

Date

Director, Technical Operations Support

Date

Manager, Technical Operations Administration

Date

General Managers, System Operations

Date

Director, Operations Planning, System Engineering

Date

Director, ATO Information Technology

Date

Manager, Safety Administration

Date

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**Air Traffic Organization
Technical Operations Services
Configuration Control Board
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Life-Cycle Management
of the
National Airspace System (NAS)**

1.0 INTRODUCTION

1.1 Purpose

This charter establishes the Technical Operations Services Domain, Configuration Control Board (CCB) and assigns responsibility for establishing baselines and controlling changes to these baselines for the Configuration Items (CIs) listed in Appendix A. The charter was initially developed by Air Traffic Organization, Operations Planning (ATO-P) Configuration Management (CM) to provide guidelines and assign CIs. The CCB within the Service Organization is an integrated discipline to provide structured and streamlined control of the system development process. Life-cycle configuration management through the CCB ensures that all changes are visible, and provides consistency with technical and programmatic direction across all services and products. The CIs listed reflect the products that comprise the Technical Operations Services Domain components of the Air Traffic Organization. Approval of this CCB Charter empowers the Domain CCB to approve all changes to the CIs listed in Appendix A throughout the life cycle of these products. A companion document, the CCB Operating Procedures, defines the procedures necessary to execute the responsibilities assigned in this Charter.

1.2 Authority

The CCB is authorized by the National Airspace System Operations (NAS OPS) CCB. The Domain CCB shall add newly assigned products to the CCB Charter as designated. This CCB's authority extends to the creation of subordinate CCBs and approval of the associated charters. Any subordinate Boards established within the Domain shall be reported to the NAS OPS CCB through Operations Planning CM, and their Charters submitted for review. Interface Requirements Documents (IRDs) are the responsibility of the NAS OPS CCB and will be submitted to the NAS OPS CCB for review and approval.

2.0 TECHNICAL OPERATIONS SERVICES CCB RESPONSIBILITIES

The responsibilities of the Technical Operations Services CCB are:

- a) Performing CCB functions as established in this charter in accordance with FAA Order 1800.66;
- b) Submitting proposed changes to this Charter to the NAS OPS CCB, and subsequently implementing the approved changes;
- c) Ensuring all subordinate CCBs have approved charters consistent in content and format. Subordinate CCB responsibility shall not exceed that of the Domain CCB;
- d) Reporting establishment of subordinate CCBs to the NAS OPS CCB, and providing their Charters for review;
- e) Approving proposed changes maintaining the CCB Operating Procedures;
- f) Development and maintenance of the Domain CM Implementation Plans;
- g) Identifying the configuration identification documentation, as well as identifying which documents comprise each of the Domain's subordinate baselines;
- h) Developing plans and policies for the configuration management and evolution of the Domain system architecture throughout the life cycle of the system;
- i) Ensuring that the specifications under the jurisdiction of the Domain CCB are approved in accordance with FAA Order 1800.66;
- j) Ensuring that the specifications beyond the approval authority of the Domain CCB are elevated to the NAS OPS CCB;
- k) Ensuring adherence to configuration control procedures in processing changes to the Domain configuration identification data and baselines;
- l) Ensuring proposed changes are screened and all interface changes coordinated between responsible organizations prior to presentation to the CCB;
- m) Reviewing, adjudicating, or transferring/elevating changes coming before the CCB. All proposed changes shall give consideration to improving safety, operational effectiveness; providing for adequate logistics support, and ensure significant life-cycle efficiency;

- n) Documenting and tracking CCB actions and decisions in accordance with the processes and procedures as defined in the CCB Operating Procedures and the CM Implementation Plan;
- o) Monitoring test results of approved changes against expected results, prior to approving integration of the change into the appropriate baseline. Discrepancies will be resolved and documented prior to baseline modification;
- p) Ensuring the listing of Domain CIs in Appendix A remains current. NAS baselined CIs are contained in NAS-MD-001. This includes generation of case files to decommission NAS Systems or subsystems, which are removed entirely from the NAS inventory.
- q) Reporting CM performance metrics for the Technical Operations Services Domain CCBs to the NAS OPS CCB through Operations Planning CM, on a quarterly basis or at the request of the NAS OPS CCB.

3.0 TECHNICAL OPERATIONS SERVICES CCB PARTICIPANTS

Membership referenced in Appendix B:

- a. CCB members may be required to attend more than one CCB session per month.
- b. Ad Hoc Technical Advisors, Consultants, and Program Control Specialists will be invited as needed.

4.0 CCB ADMINISTRATION

The CCB Executive Secretariat shall be responsible for ensuring that changes are presented at CCB meetings. Secretariat responsibilities consists of coordinating and performing the administrative tasks related to the CCB, including, but not limited to:

- a. Preparing agenda and formal meeting minutes.
- b. Supporting the change processes and activities, including prescreening, must evaluation activities, including comments and their resolution.
- c. Collecting metrics and reporting to the NAS OPS CCB.
- d. Tracking and monitoring CCB action items and configuration control decision(s) (CCD) closure activities).
- e. Ensuring all NCPs contain safety assessments, estimated cost and funding source information.
- f. Submitting any unresolved comments to the Chairperson for resolution.
- g. Supporting CM performance monitoring functions, under the authority of this CCB Charter and as described in the CCB Operating Procedures.

- h. Ensuring all CM information is validated and entered into the FAA nationally approved CM database.
- i. Elevating issues that cannot be resolved at the Domain CCB to the NAS OPS CCB for resolution.

5.0 CCB RECOMMENDATIONS AND DECISIONS

The CCB shall review, adjudicate or transfer/elevate proposed ECPs, NCPs, and Deviations and Waivers affecting its CIs or transfer proposed NCPs to other appropriate CCBs. The CCB shall reach a decision(s) after a period of presentation, discussion and/or debate, at which time the Chairperson may poll the members for their position or recommendation. The CCB Chairperson shall make all final decision(s).

Decisions on NCPs shall be documented in a CCD prepared by the CCB Executive Secretariat, and signed by the CCB Chairperson(s). The CCD will include detailed implementation action items and the responsible organization(s). When completed the implementers shall notify the Executive Secretariat to ensure complete closeout.

6.0 CHANGES TO THE CCB CHARTER

This Charter shall be changed only with the approval of the NAS OPS CCB, upon the recommendation of the Technical Operations Services Domain CCB.

7.0 DELEGATION OF CCB AUTHORITY

The CCB Chairperson may authorize another participant to act as a chairperson via memorandum to the CCB Executive Secretariat. CCB permanent members are responsible for ensuring they are represented at CCB meetings and may delegate specific authority by informing the CCB Chairperson(s). Additionally, when time critical or urgent processing of a proposed change request is necessary, or in the event of other specific circumstances, the CCB Chairperson(s) may call an emergency CCB meeting or approve changes without benefit of a CCB meeting or member review. Change requests processed outside the normal CCB process shall be documented and communicated to permanent members as soon as practicable, or no later than the next regularly scheduled meeting. Questions and concerns regarding CCB decisions are addressed to the CCB Chairperson(s).

APPENDIX A

CONFIGURATION ITEMS

Appendix A

The CIs listed below are under the control of the Technical Operations Services Domain CCB. Currently, these CIs reflect the primary facilities, systems and products, which provide the required services within the domain. As these CIs, or components thereof are baselined and/or placed under configuration control, they will be entered into the Master Configuration Index and contained in the NAS Subsystem Baseline Configuration and Documentation Listing, NAS-MD-001.

:

<u>COMMUNICATIONS CIs</u>		<u>CURRENT CCB</u>
ACD/VRS	AUTOMATIC CALL DIRECTOR/VOICE RETRIEVAL SYSTEM	AND-300
ATIS	AUTOMATIC TERMINAL INFORMATION SERVICE	AND-300
ATRCC	AIR TRAFFIC RADIO CHANNEL CONTROL EQUIPMENT * UNIQUE MODELS ARE LINKED BELOW THIS CI *	AND-300
BCS	BUOY COMMUNICATION SYSTEM	AND-300
BUEC	BACKUP EMERGENCY COMMUNICATIONS	AND-300
COM	RECORDER/REPRODUCER EQUIPMENT	AND-300
DLP	DATA LINK PROCESSOR * FORMERLY WEATHER COMMUNICATIONS PROCESSOR (WCP) *	AND-300
DLP-1	DATA LINK PROCESSOR-1	AND-300
DLP-2	DATA LINK PROCESSOR-2	AND-300
DLP-2A	DATA LINK PROCESSOR (BUILD 2A)	AND-300
DSRCE	DOWN SCOPED RADIO CONTROL EQUIPMENT	AND-300
DVRS	DIGITAL VOICE RECORDER SYSTEM	AND-300
DVR2	DIGITAL VOICE RECORDING SYSTEM SERIES 2	AND-300
ETRP	EMERGENCY TRANSCEIVER REPLACEMENT PROGRAM	AND-300
ETVS	ENHANCED TERMINAL VOICE SWITCH	AND-300
GOMP	GULF OF MEXICO PROGRAM	AND-300
HCVR	HIGH CAPACITY VOICE RECORDING SYSTEM	AND-300
HF/UHF/VHF COMMUNICATION SYSTEM	RADIO COMMUNICATION SYSTEM	AND-300
HIWAS	HAZARDOUS IN-FLIGHT WEATHER ADVISORY SERVICE	AND-300
ICSS	INTEGRATED COMMUNICATION SWITCHING SYSTEMS	AND-300
ICSS TYPE I	INTEGRATED COMMUNICATION SWITCHING SYSTEMS - TYPE I	AND-300
ICSS TYPE II	INTEGRATED COMMUNICATION SWITCHING SYSTEM TYPE II	AND-300
ICSS TYPE III	INTEGRATED COMMUNICATION SWITCHING SYSTEMS - TYPE III	AND-300
ICSS 1A	INTEGRATED COMMUNICATION SWITCHING SYSTEMS - PHASE 1A TYPE III	AND-300
LPA	UHF/VHF LINEAR POWER AMPLIFIER	AND-300
MCR	MULTI CHANNEL RECORDING SYSTEM	AND-300
MDR	MULTIMODE DIGITAL RADIO	AND-300
MULTICOUPLERS	MULTICOUPLERS	AND-300

OSTS	OPERATIONAL SUPPORT TELEPHONE SYSTEM	AND-300
RCE	RADIO CONTROL EQUIPMENT	AND-300
RCOM	RECOVERY COMMUNICATIONS NATIONAL RADIO COMMUNICATIONS SYSTEM	AND-300
RDL	RADIO DATA LINK TRANSCEIVER (UHF)	AND-300
RDVS	RAPID DEPLOYMENT VOICE SWITCH	AND-300
RECORDING EQUIPMENT	RECORDING EQUIPMENT	AND-300
RFI ELIMINATION	RADIO FREQUENCY INTERFERENCE ELIMINATION	AND-300
RFITC	RFI ELIMINATION VHF/UHF TRANSMITTER COMBINERS	AND-300
RSE	RADIO SIGNALING EQUIPMENT	AND-300
STVS	SMALL TOWER VOICE SWITCH SYSTEM	AND-300
TCS	TOWER COMMUNICATIONS SYSTEM	AND-300
TVS	TERMINAL VOICE SWITCH	AND-300
VEARS	VSCS EMERGENCY ACCESS RADIO SYSTEM	AND-300
VFSS	VOICE FREQUENCY SIGNALING SYSTEM	AND-300
VHF/UHF COMMUNICATIONS OUTLET	VHF/UHF COMMUNICATIONS OUTLET	AND-300
VSBP	VOICE SWITCH BY-PASS SYSTEM	AND-300
VSCS	VOICE SWITCHING AND CONTROL SYSTEM	AND-300
VTABS	VSCS TRAINING AND BACKUP SWITCH	AND-300

TELECOMMUNICATIONS CIs

AIRPORT SIGNAL AND CONTROL CABLE LOOP		TIPT
AFTN	AERONAUTICAL FIXED TELECOMMUNICATIONS NETWORK	TIPT
BWM	BANDWIDTH MANAGER	TIPT
DMN PHASE IIIB	DATA MULTIPLEXING NETWORK PHASE IIIB	TIPT
DMUX	DATA MULTIPLEXING NETWORK EQUIPMENT/ALTERNATE ACRONYM DMN	TIPT
DTE	DATA TERMINAL EQUIPMENT	TIPT
FAAST	FAA SATELLITE TELECOMMUNICATION SYSTEM	TIPT
FOTS	FIBER OPTIC	TIPT
FTI	FAA TELECOMMUNICATIONS INFRASTRUCTURE	TIPT
LASS	LEASED LINE AUTOMATIC SWITCHING SYSTEM	TIPT
LDRCL	LOW DENSITY RADIO COMMUNICATIONS LINK	TIPT
MCE	MONITOR AND CONTROL EQUIPMENT	TIPT
MDS	MASTER DEMARCATION SYSTEM	TIPT
NADIN	NATIONAL AIRSPACE DATA INTERCHANGE NETWORK * UNIQUE MODELS ARE LINKED BELOW THIS CI *	TIPT
NME	NETWORK MANAGEMENT EQUIPMENT	TIPT
RCL	RADIO COMMUNICATIONS LINK	TIPT
RML	RADAR MICROWAVE LINK	TIPT
RUMS	REMOTE USER MONITOR SYSTEM	TIPT
STATMUX PHASE IIIA	DATA MULTIPLEXING NETWORK EQUIPMENT/STATISTICAL MULTIPLEXER PHASE IIIA	TIPT
TRANSMISSION EQUIPMENT	NAS PLAN SUBSYSTEM * GENERIC EQUIPMENT CATEGORY *	TIPT
TXRX	VHF/UHF TRANSMITTERS/RECEIVERS	TIPT

15 GHZ WIDEBAND RADIO SYSTEM	TELEVISION MICROWAVE LINK 15 GHZ WIDEBAND RADIO SYSTEM	TIPT
<u>NAV/LANDING CIs</u>		
AIL SOLID STATE ILS, TYPE 55	ILS EQUIPMENT	AND-700
ALS	APPROACH LIGHTING SYSTEM	AND-700
ALS-2	APPROACH LIGHTING SYSTEM-2	AND-700
ALS-2/SSALR	DUAL MODE HIGH INTENSITY APPROACH LIGHTING SYSTEM	AND-700
ALS-3	APPROACH LIGHTING SYSTEM-3	AND-700
ALSF-1	APPROACH LIGHTING SYSTEM WITH SEQUENCED FLASHING LIGHTSCAT-I OR CAT-II W/WAIVER	AND-700
ALSF-2	APPROACH LIGHTING SYSTEM WITH SEQUENCED FLASHING LIGHTSCAT-II STANDARD	AND-700
ALSF-2/MALSR	ALSF-2 WITH MALSR	AND-700
ALSF-2/SSALR	DUAL MODE HIGH INTENSITY APPROACH LIGHTING SYSTEM * UNIQUE MODELS ARE LINKED BELOW THIS CI *	AND-700
ARMS	AIRPORT REMOTE MONITORING SYSTEM	AND-700
AVLORMON	LONG-RANGE NAVIGATION (SYSTEM) * ALSO KNOWN AS LORAN-C *	AND-700
DF	DIRECTION FINDER	AND-700
DME	DISTANCE MEASURING EQUIPMENT	AND-700
DMER	DISTANCE MEASURING EQUIPMENT WITH TACAN	AND-700
GPS	GLOBAL POSITIONAL SYSTEM MONITORS	AND-700
ILS	INSTRUMENT LANDING SYSTEM	AND-700
LAAS	LOCAL AREA AUGMENTATION SYSTEM	AND-700
LCU	LINK CONTROL UNIT	AND-700
LDA	LOCALIZER-TYPE DIRECTIONAL AID	AND-700
LDIN	LEAD-IN LIGHTING SYSTEM	AND-700
LMM	COMPASS LOCATOR AT MIDDLE MARKER TERMINAL	AND-700
LOM	COMPASS LOCATOR AT OUTER MARKER TERMINAL	AND-700
MALS	MEDIUM INTENSITY APPROACH LIGHTING SYSTEM - SEQUENCED.....* UNIQUE MODELS ARE LINKED BELOW THIS CI *	AND-700
MALSF	MEDIUM INTENSITY APPROACH LIGHTING SYSTEM - SEQUENCED.....FLASHING LIGHTS	AND-700
MALSR	MEDIUM INTENSITY APPROACH LIGHTING SYSTEM WITH R/W ALIGNMENT	AND-700
MLS	MICROWAVE LANDING SYSTEM * FA-TYPE NUMBER EQUIVALENT IS LINKED BELOW THIS CI *	AND-700
MLS MODEL B21.5-40	"MICROWAVE LANDING SYSTEM, CATEGORY I"	AND-700
NDB	NON-DIRECTIONAL BEACON	AND-700
ODALS	OMNIDIRECTIONAL APPROACH LIGHTING SYSTEMS * UNIQUE MODELS ARE LINKED BELOW THIS CI *	AND-700

PAPI	PRECISION APPROACH PATH INDICATOR * FA-TYPE NUMBER EQUIVALENT IS LINKED BELOW THIS CI *	AND-700
RAIL	RUNWAY ALIGNMENT INDICATOR LIGHTS	AND-700
REIL	RUNWAY END IDENTIFIER LIGHTING SYSTEM * UNIQUE MODELS ARE LINKED BELOW THIS CI *	AND-700
RMVC	REMOTE MAINTENANCE VORTAC MONITOR	AND-700
RRCIU	REMOTE RADIO CONTROL INTERFACE UNIT	AND-700
RRCS	REMOTE RADIO CONTROL SYSTEM * UNIQUE MODELS ARE LINKED BELOW THIS CI *	AND-700
RVR	RUNWAY VISUAL RANGE * UNIQUE MODELS ARE LINKED BELOW THIS CI *	AND-700
RVR 500 SYSTEM	RUNWAY VISUAL RANGE 500 SERIES	AND-700
SDM	SNOW DEPTH MONITOR SYSTEM	AND-700
SSALR	SIMPLIFIED SHORT APPROACH LIGHTING SYSTEM WITH RUNWAY ALIGNMENT LIGHTS	AND-700
TACAN	TACTICAL AIR NAVIGATION	AND-700
TACAN (RTN-2) ANTENNA EQUIPMENT	TACTICAL AIR NAVIGATION RTN-2 ANTENNA EQUIPMENT RTA-2 GENERAL EQUIPMENT CATEGORY / NOT A TRUE CI/	AND-700
TCAS	TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM	AND-700
TLS	TRANSPONDER LANDING SYSTEM	AND-700
VASI	VISUAL APPROACH SLOPE INDICATOR	AND-700
VDF	VERY HIGH FREQUENCY (VHF) DIRECTION FINDER (DF)	AND-700
VOR	VERY-HIGH-FREQUENCY OMNIDIRECTIONAL-RANGE RADIO	AND-700
VOR/DME	DME AND VOR	AND-700
VORTAC	VHF OMNIDIRECTIONAL-RANGE RADIO AND TACTICAL AIR NAVIGATION WITH DME	AND-700
VOT	VERY-HIGH-FREQUENCY OMNIRANGE TEST SYSTEM	AND-700
VTC	VORTAC (SECOND GENERATION VOR/VORTAC/DME) - VHF OMNIDIREC-DME	AND-700
WAAS	WIDE AREA AUGMENTATION SYSTEM	AND-700

POWER SYSTEMS CIs

ACEPS	ARTCC CRITICAL/ESSENTIAL POWER SYSTEM	PSF
CABLE	CABLE	PSF
CAEG	COMPUTER AIDED ENGINEERING GRAPHICS	PSF
CCMS	CENTRAL CONTROL AND MONITORING SYSTEM	PSF
CLK	CLOCK	PSF
CPDS	CRITICAL POWER DISTRIBUTION SYSTEMS	PSF
DOCUMENTATION EQUIPMENT	SYSTEM SUPPORT FACILITY SUBSYSTEM	PSF
DRPDS	DUAL REDUNDANT POWER DISTRIBUTION SYSTEM	PSF
EGS	ENGINE GENERATOR SET	PSF
ENV	GENERAL ENVIRONMENTAL SYSTEMS	PSF
LPGBS	LIGHTNING PROTECTION, GROUNDING, BONDING, AND SHIELDING	PSF
PCS	POWER CONDITIONING SYSTEM * UNIQUE MODELS ARE LINKED BELOW THIS CI *	PSF
PDS	ELECTRICAL POWER DISTRIBUTION SYSTEMS	PSF
PMCS	POWER MONITORING AND CONTROL SYSTEMS	PSF
POWER	POWER SYSTEMS	PSF

SWG	SWITCHGEAR	PSF
SX	STANDBY ENGINE GENERATORS	PSF
TESTR	TEST EQUIPMENT	PSF
UPS	UNINTERRUPTIBLE POWER SUPPLY SYSTEM *	PSF
	UNIQUE MODELS ARE LINKED BELOW THIS CI *	
<u>FACILITIES CIs</u>		
ARTCC	AIR ROUTE TRAFFIC CONTROL CENTER	PSF
AFSS	AUTOMATED FLIGHT SERVICE STATIONS	PSF
TCSCC	AIR TRAFFIC CONTROL SYSTEM COMMAND CENTER	PSF
<u>INFRASTRUCTURE CIs</u>		
AMCC	AIR ROUTE TRAFFIC CONTROL CENTER	AOP
	MAINTENANCE CONTROL CENTER	
ATCCCWS	AIR TRAFFIC CONTROL COMMAND CENTER WORK STATION	AOP
ERMS	ENVIRONMENTAL REMOTE MONITORING SYSTEM	NAS
GMCC	GENERAL NAS SECTOR MAINTENANCE CONTROL CENTER	AOP
IMCS	INTERIM MONITORING CONTROL SOFTWARE	AOP
MCCWS	MAINTENANCE CONTROL CENTER WORK STATION	AOP
MCS	MONITORING AND CONTROL SOFTWARE	AOP
MDT	MAINTENANCE DATA TERMINAL	AOP
MMS	MAINTENANCE MANAGEMENT SYSTEM	AOP
MPS	MAINTENANCE PROCESSOR SUBSYSTEM	AOP
NAPRS	NAS PERFORMANCE REPORTING SYSTEM	AOP
NATIONAL MPS	NATIONAL MAINTENANCE PROCESSOR SUBSYSTEM	ME
NFSS MPS	NATIONAL FIELD SUPPORT SECTOR MPS	AOP
NIMS	NAS INFRASTRUCTURE MAINTENANCE SYSTEM	AOP
OCC	OPERATIONS CONTROL CENTER	AOP
RMM	REMOTE MAINTENANCE MONITORING SYSTEM	AOP
RMS	REMOTE MONITORING SUBSYSTEM	AOP
RMSC	REMOTE MONITORING SUBSYSTEM CONCENTRATOR	AOP
SOC	SERVICE OPERATIONS CENTERS	AOP
WC	WORK CENTER	AOP

APPENDIX B
CCB MEMBERSHIP

APPENDIX B

The participants of the Technical Operations Services Domain CCB shall be the following individuals, or their designated representatives:

Technical Operations Services Chairperson

- Vice President, Technical Operations Services or designated representative;

Technical Operations Services Executive Secretariat

- Executive Secretariat Technical Operations Services CM Officer or designated representative;

Technical Operations Services CCB Permanent Members:

- Director, Technical Operations Aviation System Standards
- Director, Technical Operations Navigation Services
- Director, Technical Operations ATC Communications Services
- Director, Technical Operations Support
- Director, Technical Operations Field Services
- Director, Technical Operations ATC Facilities
- Director, Technical Operations Finance
- General Managers, System Operations
- Manager, Technical Operations Administration
- Director, Operations Planning, System Engineering or designated representative
- Manager, Safety Administration
- Director, ATO Information Technology or designated representative

Ad Hoc Technical Advisors, Consultants, and Program Control Specialists will be invited as required

APPENDIX C
ACRONYM LIST

ACRONYM LIST

ATO	Air Traffic Organization
CCB	Configuration Control Board
CCD	Configuration Control Decision
CI	Configuration Item
CM	Configuration Management
ECP	Engineering Change Proposal
FAA	Federal Aviation Administration
IRD	Interface Requirements Document
NAS	National Airspace System
NCP	NAS Change Proposal
OPS	Operations